



**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**



COPY OF PAPERS  
ORIGINALLY FILED

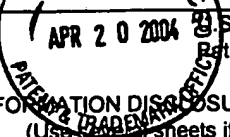
Sheet 1 of 1

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 84512USC1		Serial No. 10/025,155	
FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicants Heinz et al.			
				Filing Date December 18, 2001		Group No. 2824	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DP		4,451,699	05/29/84	Gruenberg	—	—	
DP		5,659,886	08/19/97	Taira et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DP		PCT International Search Report for International Application No. PCT/US02/01993, which is a related patent application					
Examiner	/Dao Phan/			Date Considered 05/12/2006			
*Examiner:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

RECEIVED  
JUN 25 2002  
TECH CENTER 2800



Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office			Attorney Docket No. 7836/84512USC1		Serial No. 10/025,155	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Heinz et al.			
					Filed: 18 December 2001		Group No. 2824	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
DP 		3,277,481	4 Oct. 1966	N. Robin et al.	—	—		
		4,176,354	27 Nov. 1979	Hsiao et al.	—	—		
		4,779,097	18 Oct. 1988	Morchin	—	—		
		4,881,082	14 Nov. 1989	Graziano	—	—		
		5,089,824	18 Feb. 1992	Uematsu et al.	—	—		
		5,093,923	3 Mar. 1992	Leslie	—	—		
		5,115,217	19 May 1992	McGrath et al.	—	—		
		5,170,140	8 Dec. 1992	Lowe et al.	—	—		
		5,175,556	29 Dec. 1992	Berkowitz	—	—		
		5,227,806	13 Jul. 1993	Eguchi	—	—		
		5,241,319	31 Aug. 1993	Shimizu	—	—		
		5,274,382	28 Dec. 1993	Wills et al.	—	—		
		5,300,935	5 Apr. 1994	Yu	—	—		
		5,463,401	31 Oct. 1995	Iwasaki	—	—		
		5,521,604	28 May 1996	Yamashita	—	—		
		5,583,514	10 Dec. 1996	Fulop	—	—		
		5,596,329	21 Jan. 1997	Scarle et al.	—	—		
		5,610,617	11 Mar. 1997	Gans et al.	—	—		
		5,617,103	1 Apr. 1997	Koscica et al.	—	—		
		5,623,270	22 Apr. 1997	Kempkes et al.	—	—		
DP		5,661,488	26 Aug. 1997	Kudo	—	—		
Examiner /Dao Phan/					Date Considered 05/12/2006			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7836/84512USC1		Serial No. 10/025,155	
 INFORMATION DISCLOSURE STATEMENT (Use separate sheets if necessary)				Applicant Heinz et al.			
				Filed: 18 December 2001		Group No. 2824	
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DP		5,809,395	15 Sep. 1998	Hamilton-Piercy et al.	—	—	
DP		5,860,056	12 Jan. 1999	Pond	—	—	
		Foreign Patent Documents	Date	Country			Translation
DP		EP 0 540 387 A2	5 May 1993	EPO	—	—	
↓		EP 0 593 822 B1	27 Apr. 1994	EPO	—	—	
		EP 0 616 741 B1	28 Sep. 1994	EPO	—	—	
		WO 92/16061	17 Sep. 1992	PCT	—	—	
		WO/ 93/12587	24 Jun. 1993	PCT	—	—	
		JP 5-121915	18 May 1993	Japan	—	—	Yes
DP		JP 6-326501	25 Nov. 1994	Japan	—	—	Yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
DP		Cheston, T.C., "Beam Steering of Planar Phased Arrays" ( <u>Phased Array Antennas</u> , Arthur A. Oliver (ed.), p. 219-20, Artech House, Inc. 1992)					
DP		Lovis, Dietrich, "Structure and emission properties of an electronically controlled secondary radar antenna" (NIG Technical Reports V. 57 p. 161-65, Bad Neuheim conference, 8-11 March 1997)					Yes
DP		Strickland, Peter, "Microstrip Base Station Antennas for Cellular Communications" (IEEE CH2944-7/91/0000/0166, p. 166-71, 1991)					
DP		"900 MHz Base Station Antennas for Mobile Communication" (Kathrein)					
Examiner /Dao Phan/			Date Considered 05/12/2006				
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							